



11) Publication number:

0 427 422 A3

(12)

## **EUROPEAN PATENT APPLICATION**

21) Application number: 90311621.8

2 Date of filing: 23.10.90

(5) Int. Cl.<sup>5</sup>: **E21B 34/06**, E21B 34/14, E21B 43/11, E21B 33/14

30 Priority: 08.11.89 US 435144

Date of publication of application:15.05.91 Bulletin 91/20

Designated Contracting States:
DE FR GB IT NL

® Date of deferred publication of the search report: 23.10.91 Bulletin 91/43

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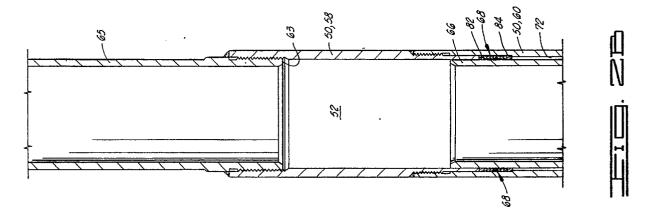
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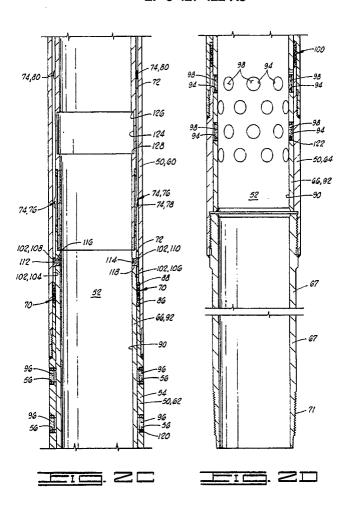
(54) Casing valve.

(52) defined therethrough and having a housing wall (54) with a housing wall, said housing including a first disintegratable plug (96) initially blocking said housing communication port (56) slidably disposed in said longitudinal passageway, said sleeve having a longitudinal sleeve wall

(92) with a sleeve communication port (94) defined through said sleeve wall, said sleeve including a second disintegratable plug (98) initially blocking said sleeve communication port, said sleeve being selectively movable relative to said housing between a first position wherein said housing communication port and said sleeve communication port are out of registry with each other and a second position wherein said ports are in registry with each other.









## **EUROPEAN SEARCH REPORT**

EP 90 31 1621

	Citation of document with	indication, where appropriate,	Relevant	CLASSIFICATION OF THE
egory		ant passages	to claim	APPLICATION (Int. Cl.5)
′,A	US-A-4 031 957 (L.SANFO * column 3, line 39 - line 52 * column 5, line 31 - line 37 *		@ 1-3,4	E 21 B 34/06 E 21 B 34/14 E 21 B 43/11 E 21 B 33/14
Υ	US-A-4 286 662 (J.S.PAGE) * abstract *		1-3	L 21 B 35/14
Α	US-A-3 994 338 (R.E.HIX) * abstract *		1	
Α.	US-A-2 248 305 (C.A.RASMUSSEN)  * page 2, right column, line 68 - line 74 * * figure 5 *		4	
Α	US-A-4 524 831 (R.E.PRINGLE)  * column 3, line 49 - line 59 * * figure 4 *		6	
Α	US-A-4 372 388 (N.G.SKIN * column 4, line 42 - line 59;	•	8	
				TECHNICAL FIELDS SEARCHED (Int. CI.5)
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	The present search report has been drawn up for all claims			
	Place of search Date of completion  The Hague 02 Septem		cn (	Examiner RAMPELMANN K.
CATEGORY OF CITED DOCUMENTS  X: particularly relevant if taken alone  Y: particularly relevant if combined with another document of the same catagory		MENTS E	E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons	
O: P:	technological background non-written disclosure intermediate document theory or principle underlying the im			ne patent family, corresponding